962-20-238 **Gary M Seitz*** (`seitz@math.uoregon.edu`), Department of Mathematics, University of Oregon, Eugene, OR 97403, and **Martin W Liebeck** (`m.liebeck@ic.ac.uk`), Department of Mathematics, Imperial College, SW7 2BZ London, England. *Variations on a theme of Steinberg.* Preliminary report.

The Steinberg tensor product theorem is a fundmental tool for studying irreducible representations of simple algebraic groups over fields of positive characteristic. We establish extensions of this result where the target group SL(V) is replaced by an arbitary simple algebraic group. (Received August 31, 2000)